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Amended claims

    1. (Currently Amended) A system for transforming data of a first data structure to a different second data structure compatible with an executable application, comprising:

    a pre-processor for acquiring data elements <u>values</u> from a first data structure and collating said acquired data elements <u>values</u> into a source file having a source data format;

    a <u>mapping</u> processor for <u>automatically</u> mapping data elements <u>values</u> in said source file having said source data format into an output file having a different second data format in response to a selected one of a plurality of predetermined control data files determining a corresponding plurality of different second data formats<u>, said mapping processor automatically mapping data element values in said source file into an output file by using a selected predetermined individual control data file to identify an output file data element value corresponding to a source file data element value and to map said source file data element value in said source data format to said identified corresponding output file data element value in said second data format without user intervention</u>; and

    an output processor for storing said output file for use by said application.

    2. (Currently Amended) The system according to claim 1, wherein said selected predetermined control data file does at least one of, (a) determine a row column structure for said output file second data format, b) ~~identify particular data elements to be mapped from said source file to said output file, (c)~~ identify source file and corresponding output file locations of particular data elements <u>values</u> to be mapped from said source file to said output file, and ~~(d)~~ <u>(c)</u> identify a row column structure for said source file data format.

    3. (Currently Amended) The system according to claim 1, wherein said pre-processor acquires a control data element value of said <u>individual control data file</u> from said first data structure and provides said control data element <u>value</u> to said selected predetermined control data file.

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4. (Currently Amended) The system according to claim 1, wherein
said pre-processor parses data elements <u>values</u> of said first data structure to include some elements <u>values</u> in said source file and to exclude other elements <u>values</u> from said source file in response to user entered data element <u>value</u> selection information.

5. (Currently Amended) The system, according to claim 1, wherein
~~said selected control data file comprises one of, (a) user entered information for directing said mapping of data elements in said source file to said output file, and (b) pre-stored information for directing said mapping of data elements in said source file to said output file~~
<u>said predetermined individual control data file includes an indicator identifying repeating data elements associated with a common entity and</u>
<u>said mapping processor uses said indicator in mapping said source file data element value in said source data format to said identified corresponding output file data element value in said second data format.</u> ·

6. (Currently Amended) The system according to claim ~~5~~ <u>1</u>, wherein
<u>said selected control data file includes user entered information for directing said mapping of data element values in said source file to said output file,</u> <u>and</u> said mapping processor acquires said user entered information in response to prompting user data entry.

7. (Currently Amended) The system according to claim 1, wherein
said plurality of predetermined control data files represent a plurality of predetermined mapping templates ~~and an individual control data file identifies data elements to be mapped as well as said source data format and said output file second data format~~ <u>for automatically identifying output file data element values corresponding to source file data element values and for mapping said source file data element values in a selected one of a plurality of corresponding different source data formats to said identified corresponding output file data element values in a selected one of a plurality of corresponding different second data formats, without user intervention.</u>

8. (Currently Amended) The system according to claim 1, wherein
said output file second data format comprises at least one of, (a) a comma separated file (CSF) or Flat file format, <u>and</u> (b) a data field size aligned file format ~~and (c) a packed data file format.~~

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9. (Currently Amended) The system according to claim 1 further comprising

a cross mapping processor for ~~cross mapping wherein said processor reads each record~~ reading individual records including said mapped data elements values and ~~converts each~~ converting necessary data element values from said first data format into said second data format before outputting said second data format file to said output processor.

10. (Currently Amended) The system according to claim 9 wherein

before outputting said second data format file said cross mapping processor identifies errors in said necessary data elements values and reports errors instead of outputting to said output processor.

11. (Currently Amended) A method for transforming data of a first data structure to a different second data structure compatible with an executable application, the ~~steps~~ activities ~~comprising~~ of:

acquiring data elements values from a first data structure and collating said acquired data elements values into a source file having a source data format ~~by a pre processor~~;

automatically mapping data elements values in said source file having said source data format into an output file having a different second data format in response to a selected one of a plurality of predetermined control data files determining a corresponding plurality of different second data formats ~~by a processor~~, by automatically mapping data element values in said source file into an output file by using a selected predetermined individual control data file to identify an output file data element value corresponding to a source file data element value and to map said source file data element value in said source data format to said identified corresponding output file data element value in said second data format without user intervention; and

storing said output file for use by said application by an output processor.

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12. (Currently Amended) The method according to claim 11, wherein
said selected predetermined control data file does at least one of, (a) determine a row column structure for said output file second data format, b) ~~identify particular data elements to be mapped from said source file to said output file, (c)~~ identify source file and corresponding output file locations of particular data elements values to be mapped from said source file to said output file, and ~~(d)~~ (c) identify a row column structure for said source file data format.

13. (Currently Amended) The method according to claim 11, ~~wherein~~ including the activity of
~~said pre-processor acquires~~ acquiring a control data element from said first data structure and ~~provides~~ providing said control data element to said selected predetermined control data file.

14. (Currently Amended) The method according to claim 11, ~~wherein~~ including the activity of
~~said pre-processor parses~~ parsing data elements values of said first data structure to include some elements values in said source file and to exclude other elements values from said source file in response to user entered data element selection information.

15. (Currently Amended) The method, according to claim 11, wherein
~~said selected control data file comprises one of, (a) user entered information for directing said mapping of data elements in said source file to said output file, and (b) pre-stored information for directing said mapping of data elements in said source file to said output file~~
said predetermined individual control data file includes an indicator identifying repeating data elements associated with a common entity and
including the activity of
employing said indicator in mapping said source file data element value in said source data format to said identified corresponding output file data element value in said second data format.

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16. (Currently Amended) The method according to claim 15, wherein said selected control data file includes user entered information for directing said mapping of said data element value in said source file to said output file, and including the activity of

~~said mapping processor acquires~~ acquiring said user entered information in response to prompting user data entry.

17. (Currently Amended) The method according to claim 11, wherein said plurality of predetermined control data files represent a plurality of predetermined mapping templates ~~and an individual control data file identifies data elements to be mapped as well as said source data format and said output file second data format~~ for automatically identifying output file data element values corresponding to source file data element values and for mapping said source file data element values in a selected one of a plurality of corresponding different source data formats to identified corresponding output file data element values in a selected one of a plurality of corresponding different second data formats, without user intervention.

18. (Currently Amended) The method according to claim 11, wherein said output file second data format comprises at least one of, (a) a comma separated file (CSF) or Flat file format, and (b) a data field size aligned file format ~~and (c) a packed data file format.~~

19. (Currently Amended) The method according to claim 11 further comprising the ~~step~~ activity of

~~cross mapping by means of a processor which reads each record said mapped data elements and coverts each necessary data element from said first data format into said second data format before outputting said second data format file to said output processor~~

parsing individual records including said mapped data element value and

converting a necessary data element value from said first data format into said second data format before outputting said second data format file to said output processor.

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20. (Currently Amended) The method according to claim 19 ~~wherein~~ including the activity of

before outputting said second data format file ~~said cross-mapping processor identifies~~ identifying any errors in said necessary data elements and ~~reports~~ reporting errors instead of outputting to said output processor.

21. (New) A system for transforming data of a first data structure to a different second data structure compatible with an executable application, comprising:

a pre-processor for acquiring data element values from a first data structure and collating said acquired data elements into a source file having a source data format, said acquired data element values being for processing by an executable application;

a mapping processor for automatically mapping data element values in said source file having said source data format into an output file having a different second data format in response to a selected one of a plurality of predetermined control data files determining a corresponding plurality of different second data formats, a predetermined individual control data file including an indicator identifying repeating data elements associated with a common entity wherein said mapping processor uses said indicator in mapping said source file data element values in said source data format to said identified corresponding output file data element values in said second data format without user intervention; and

an output processor for storing said output file for use by said application.

22. (New) The system, according to claim 21, wherein said mapping processor automatically maps data element values in said source file into an output file by using a selected predetermined individual control data file to identify an output file data element value corresponding to a source file data element value and to map said source file data element value in said source data format to said identified corresponding output file data element value in said second data format without user intervention

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